

## ABSTRACT OF THE DISCLOSURE

A method of automation of subscriber customer premises equipment provisioning for use in a next generation telecommunications network. In one specific embodiment, the method involves receiving a service request from a network service provider that specifies a service to be provided to the customer premises equipment. A configuration template for a configuration appropriate for the customer premises equipment is retrieved. Configuration data is automatically generated for the customer premises equipment based on the configuration template and stored system configuration information. The completed configuration data is automatically delivered over the network to the customer premises equipment to result in configuring the customer premises equipment to provide the service. Embodiments are useful for configuring ADSL and T1 CPE devices in a voice-over-ATM network that uses Internet Protocol.